EFS ID: 2757656 Application Number: 10824729 International Application Number: 6696
International Application Number:
Confirmation Number: 6696
Title of Invention: Preventing network denial of service attacks using an accumulated proof-of-work approach
First Named Inventor/Applicant Name: Mark Baugher
Customer Number: 29989
Filer: Christopher J. Palermo
Filer Authorized By:
Attorney Docket Number: 50325-0867
Receipt Date: 23-JAN-2008
Filing Date: 14-APR-2004
Time Stamp: 18:53:50
Application Type: Utility under 35 USC 111(a)
Payment information:
Submitted with Payment yes
Payment Type Deposit Account

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$730
RAM confirmation Number	2723
Deposit Account	501302
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listina:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
Information Disclosure Statement	US IDS Form SB 08a.pdf	803560			
'	(IDS) Filed	US_IDS_FOIIII_SB_06a.pdi	6436a400x671339ft56d306dx5dex816 f1f550xa	no	4

Warnings:

Information:

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References, If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

data such as F	oreign Patent Documents or Non Pater	nt Literature will be manually rev	iewed and keyed into U	SPTO syste	ms.
2 NPL Documents	NPI Documents	Back-Hashcash-2002.pdf	575455	no	10
	W E Boodinents		Sed60c3dcc0f9b0134b97a49c0d7fc24e 880a49b		
Warnings:					
Information:					
3	NPL Documents	Dwork92.pdf	608450	no	12
	THE BOOMING IN		d9708a45a6091f3as0e2f1326do547d4 4201917e		
Warnings:					
Information:					
4	NPL Documents	Lamport-1981.pdf -	263107	no	3
,	W E Boodinents		2755039853c696350lc450391e7ca574 2a9a5091		
Warnings:					
Information:					
5		2007-10-23-Reply.pdf	64328	yes	19
			61d016e57c35ed5l9b02ldfbe8f175dc4 4d4afa0	, yes	
	Multipa	rt Description/PDF files in	.zip description		
	Document De	Document Description		End	
	Amendment - After No.	Amendment - After Non-Final Rejection		1	
	Specification		2	4	
	Claims		5	12	

	Applicant Arguments/Remarks Made in an Amendment		13	19	
Warnings:					
Information:					
	6 NPL Documents	crypto03pdf	183798	no	17
•			2a154cab751493725377a90d31c092a0 93f1431a	no	
Warnings:					
Information:					
7	Fee Worksheet (PTO-06)	fee-info.pdf	8339	no	2
	rec worksheet (1 10 00)		166863f79b9f15cal2oc162obd69fd983 b4df2f	110	
Warnings:					
Information:					
		Total Files Size (in byte	es): 250	7037	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.